

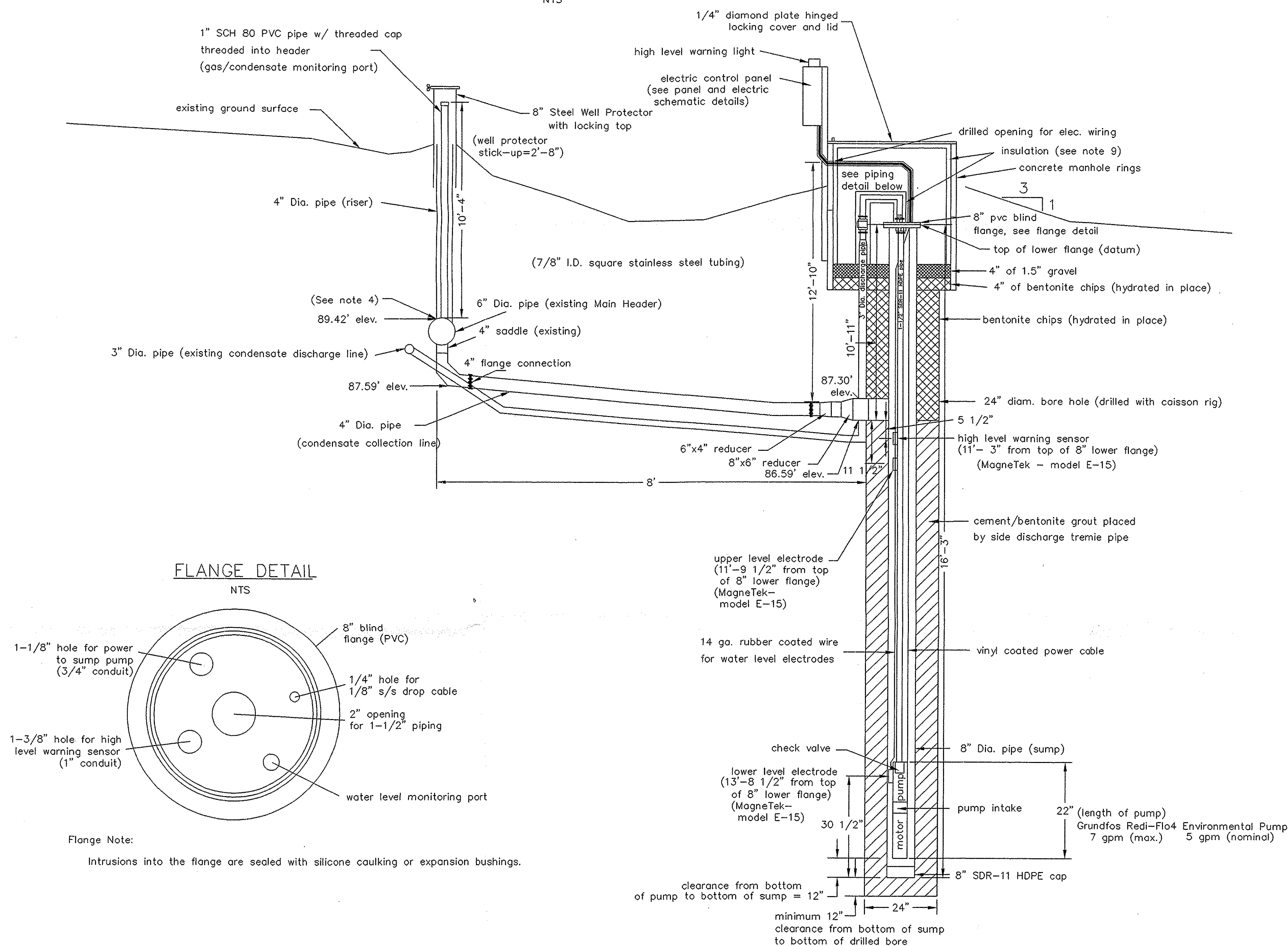
| DATE | REVISIONS |
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FIGURE
NO. 4

| | |
|---------|----|
| DESIGN | BF |
| DATE: | 02 |
| FILE # | CS |
| PROJECT | 91 |

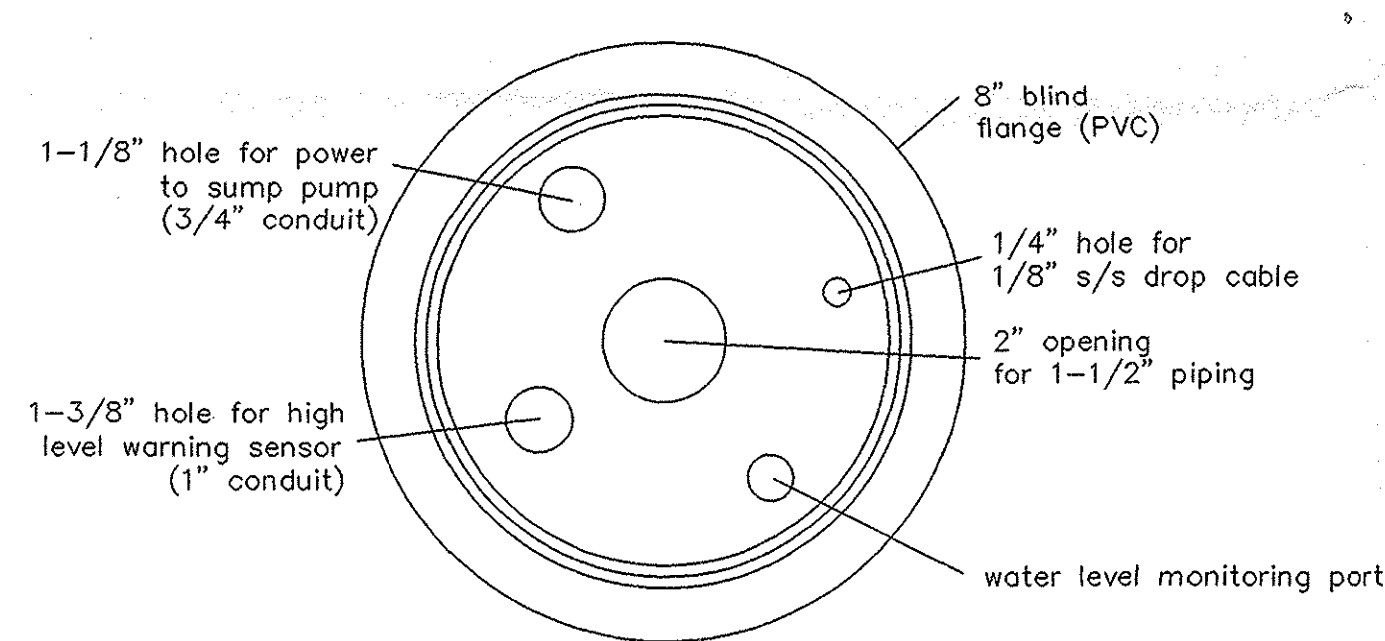
ELEVATION VIEW
Looking ~ West

NTS



FLANGE DETAIL

NTS



Flange Note:

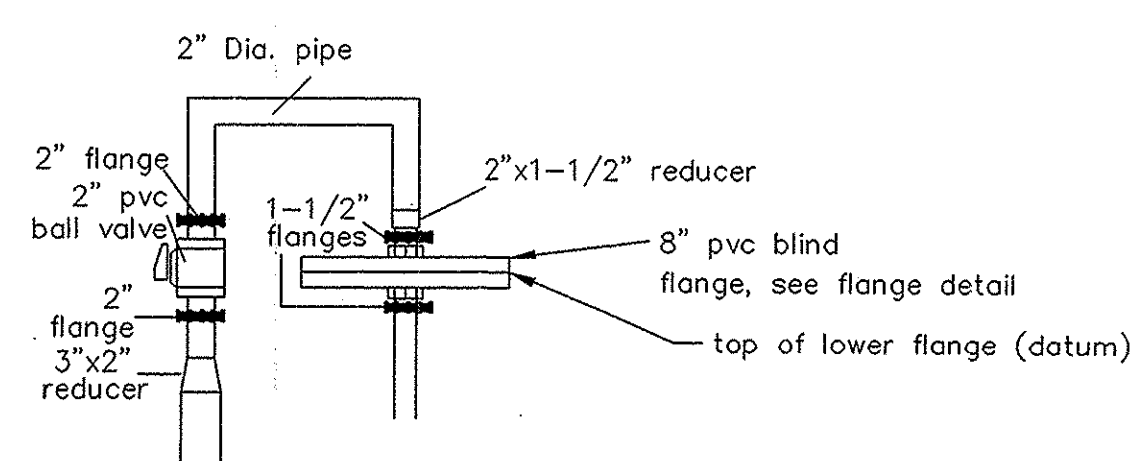
Intrusions into the flange are sealed with silicone caulking or expansion bushings.

General Notes:

1. This drawing is based on Browning Ferris Industries Gas Systems general condensate pump station design. Modifications were made to the general design in order to accommodate the existing site conditions.
2. The 4" steel gas pipe and re-use consist of SDR-11 HDPE pipe.
3. The 4" saddle was fused to the 6" Main Header (Main Header "T") at the low point of the Main Header.
4. The 1" SCH 80 PVC pipe (gas/condensate monitoring port) was offset 4.5' to the west of the Main Header "T" along Main Header.
5. After the two manhole rings and the re-usable sump equipment were removed, the previously existing sump was backfilled with soil.
6. The sump/pump station and electrical control panel are completely enclosed with fence and locking gate.
7. The benchmark for elevations listed was the center of the cover for EW-11 (assumed elevation = 100.00'). Elevations were established for construction purposes, only.
8. To prevent freezing of condensate, interior walls and lid of concrete manhole rings and exposed condensate piping within the manhole are covered or wrapped with insulation. R values for wall and lid insulation are R-11 and R-16.8 respectively. Insulation for piping consists of pipe wrap.

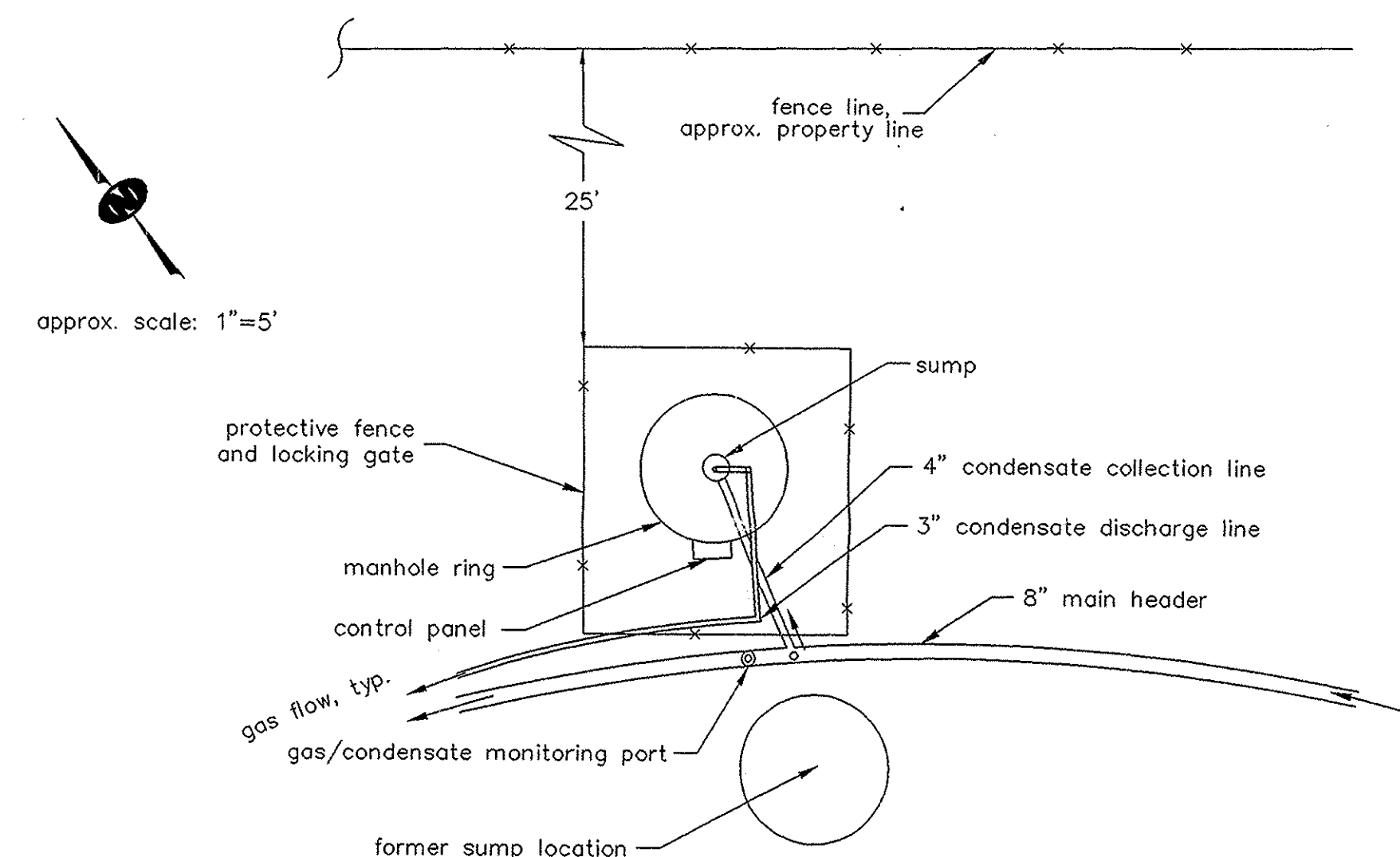
PIPING DETAIL, INSIDE
OF MANHOLE

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PLAN VIE

CS-4



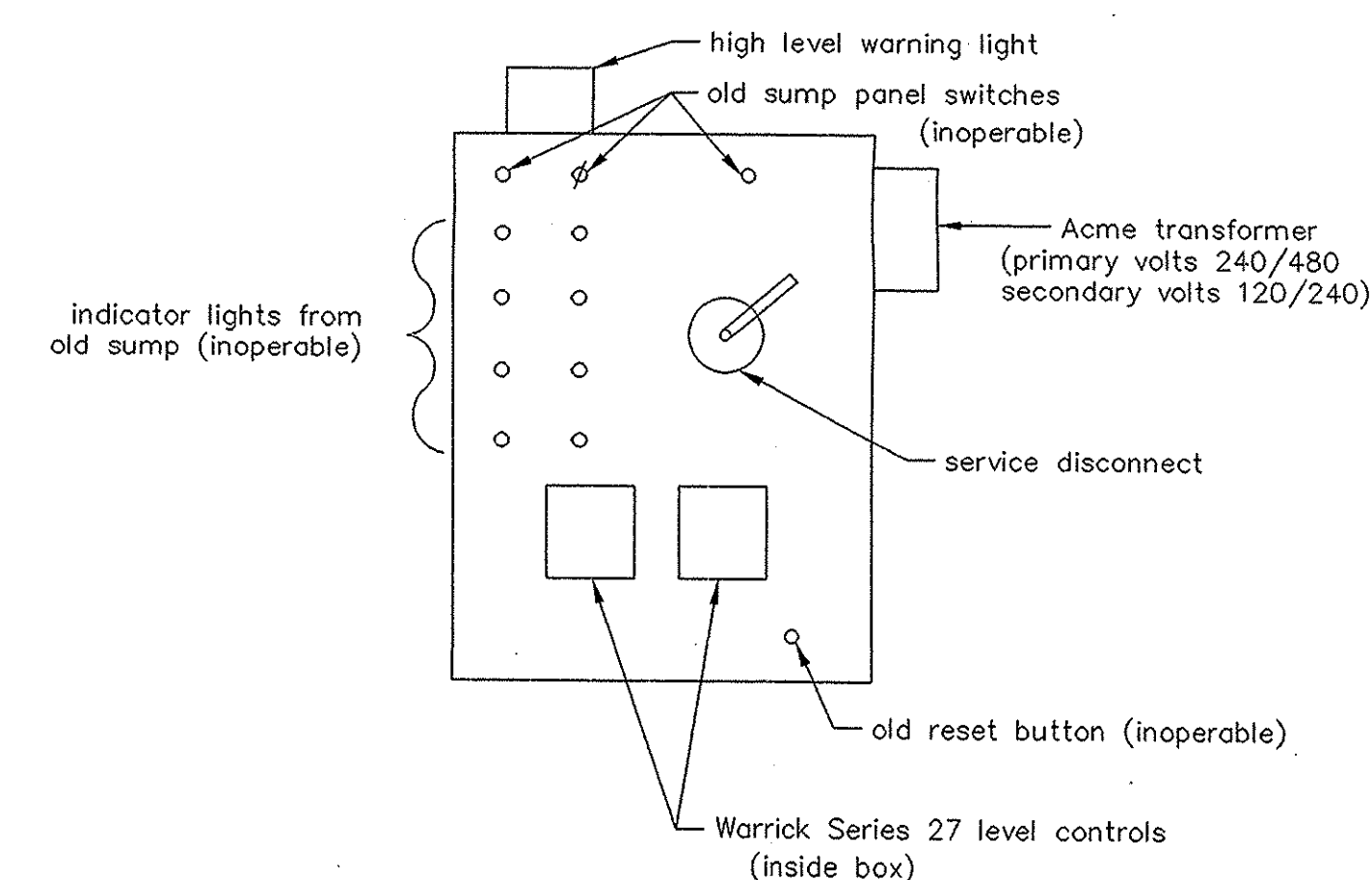
approx. scale: 1"=5'

Plan View Notes:

- Plan view Notes:
1. Pipeline locations are approximate
 2. Pipeline locations are marked with early warning tape approx. 4' above the pipe

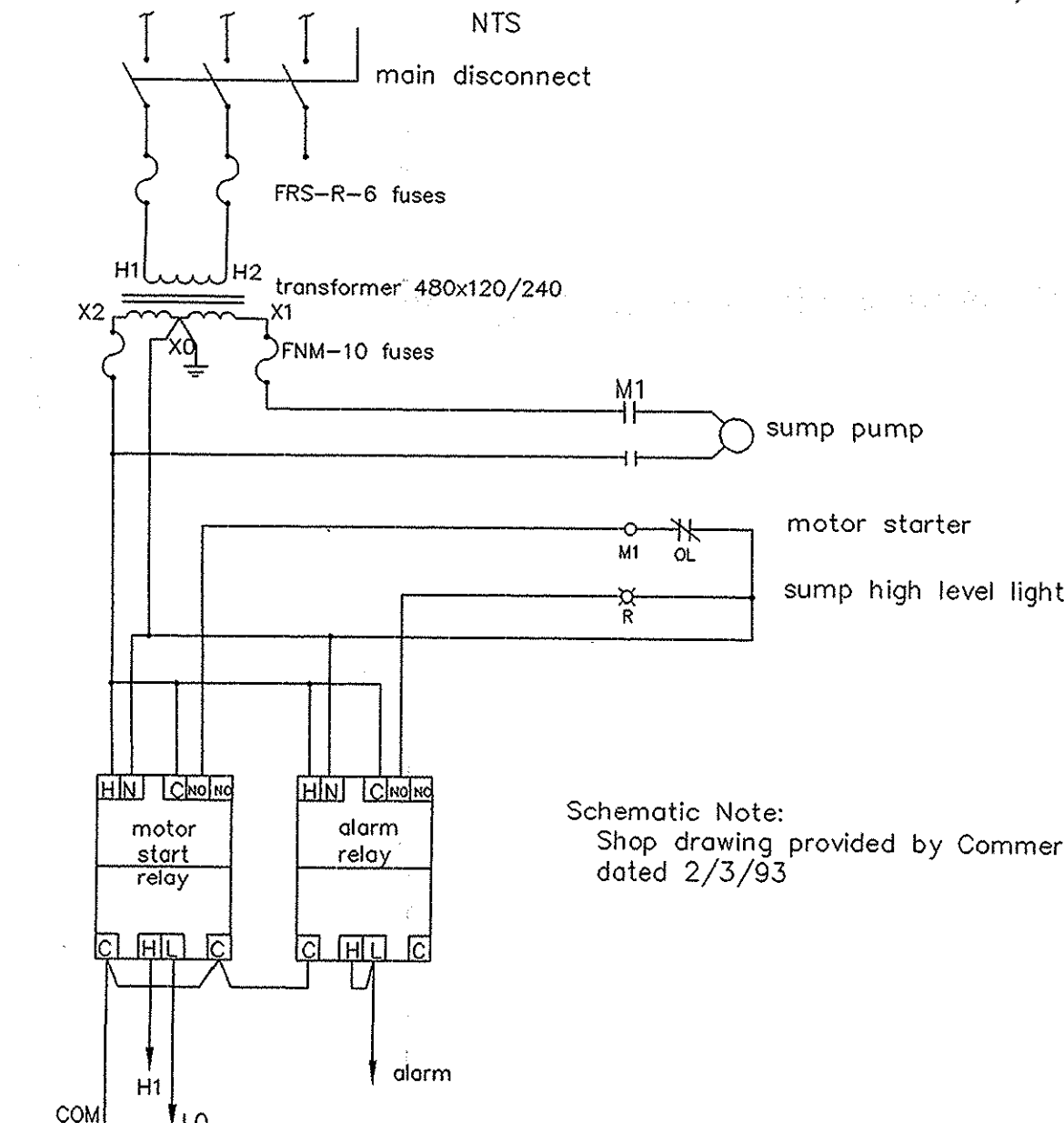
PANEL DETAIL

N



ELECTRIC SCHEMATIC DETAIL (SHOP DRAWING

4



Schematic Note:
Shop drawing provided by Commerce City Electric Co.,
dated 2/3/93